



Two Day Workshop

On

“Advanced Computer-Aided Drug Design and Computational Biology”

SCHRÖDINGER

18-19 December 2019,

Organized By

Department of Pharmaceutical Sciences and Natural Products

&

Schrödinger INC. USA

Theme of Workshop:

The workshop has been designed to provide the theoretical as well as hands-on approach to various advanced Computational Drug Design Techniques in lead identification and lead optimization.

Workshop Topics include:

Methods and Advances in computer aided drug design, approaches in Target selection and refinement for docking studies, identification and evaluation of Binding Pocket, docking approaches in virtual screening and Lead identification, modeling protein structures for docking and virtual screening, pharmacophore modeling and virtual screening of novel compounds, refinement of novel leads using ADME prediction, similarity and dissimilarity based methods in lead identification 3D-QSAR Modeling and Lead optimization, water thermodynamics in lead optimization, biologics design and protein engineering

About the University

The Central University of Punjab, Bathinda (Punjab), NAAC accredited ‘A’ grade University has been established through the Central Universities Act 2009 which received the assent of the President of India on 20th March 2009. The University is creating supporting and stimulating conditions and opportunities whereby one can learn, grow, interact and discover. The main campus is coming up on 500 acres of land near Bathinda.

About Department

Department of Pharmaceutical Sciences and Nature Products is the most renowned dept. of University with a number of research papers and projects. The dept. is currently following the latest trends and conducting a thorough research on Design, Synthesis, QSAR studies and Biological Screening of Novel Multi-target Inhibitors of Tyrosine Kinase(s) and Topoisomerase, Synthesis and isolation of Bioactive Heterocyclic Scaffolds Using Novel Green Technologies and Synthesis of Rebaudioside-A: Natural Substitute for Sugar from Stevia rebaudiana (Bertoni) and many more.

Participants

Faculty members, postdocs, Ph.D. students and research scholars (working in the area) from the Universities, Institutes, Colleges and Industries.

Registration

Registration Opening Date:-**21-10-2019**

Last date for receiving of filled **Pre-Registration form** via Email at dpsnp2019@gmail.com:- **15-11-2019**

Information to Selected Participants for submission of participation fee:- **26-11-2019**

Fee Details

Participation Fee:- Rs. 1000 (includes registration fee, certificates, participation kit, and tea for two days)-to be submitted with **filled Registration form** after the confirmation of selection through email: from **27-11-2019** to **02-12-2019**

Account Details:-

Punjab National Bank, Civil lines, Bathinda

Account No:- 3468000101713077

IFSC Code :-PUNB0346700

MICR CODE:- 151024005

(Payment to be submitted only after the confirmation of selection through email)

Last Date for Fee Submission:-**02-12-2019** (through RTGS/NEFT-Bank detail given in registration form)

How to Reach CUPB, Bathinda

Trains and Bus facilities are frequently available for Bathinda. For further details please visit university site www.cup.edu.in

Patron:-

Prof. R. K. Kohli

Vice Chancellor

Central University of Punjab, Bathinda

Convener:-

Prof. P. Ramarao

Dean, School of Basic and Applied Sciences

Pharmaceutical Sciences and Natural Products

Central University of Punjab, Bathinda

Speakers:-

Schrödinger Team

Organizing Committee

Dr. Raj Kumar

Associate Professor & Former Head

Dr. Vikas Jaitak

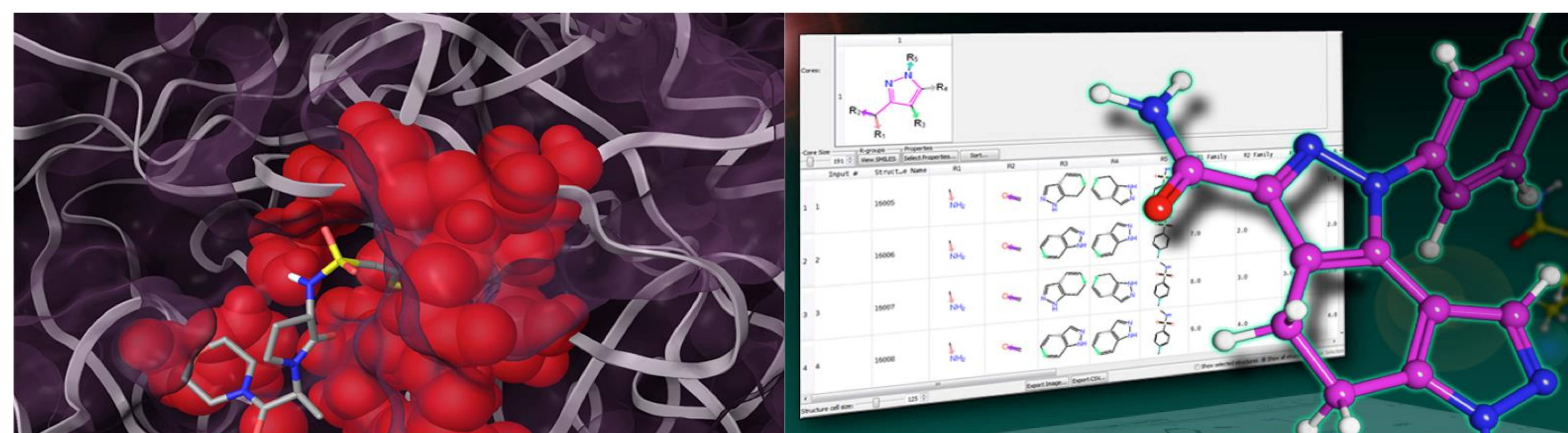
Assistant Professor

Dr. Pradeep Kumar

Assistant Professor

Dr. Kaki Venkat Rao

Assistant Professor



Dr. Pradeep Kumar

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Dr. Venkat

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